

AMENDMENTS TO THE SPECIFICATION

Please amend the paragraph beginning at page 32, line 1 of the specification, as follows:

This direct connection can be exploited by the use of a ‘synchronized’ data connection or an ‘asynchronous~~synchronized~~’ data connection.

Please amend the paragraph beginning at page 32, line 3 of the specification, as follows:

Figure 13 shows a schematic view of the differences between ‘synchronized’ and ‘asynchronous~~synchronized~~’ data connections. The ‘synchronized’ data connection as shown in figure 13a is one in which data processed by the video decoding processor is passed to the video coprocessor and is processed as soon as it is received. This can be seen in that the pictures n, n+1 and n+2 are received at the VDP at times t_1 , t_2 , and t_3 . Each picture is decoded 1351, 1355, 1359, and the decoded information passed to the VCP and the picture reconstructed as soon as possible. As the reconstruction of each picture takes more time than the decoding stage the VCP soon starts to hold up the processing in the VDP, shown as the stall time in the VDP 1367 which also causes the VCP to over-run in the reconstruction of each picture as shown by the areas 1363 and 1365. Thus in other words the VDP and VCP have to be synchronized in order that data passes smoothly through the VDP and VCP pair so that a new picture can be displayed within the picture refresh period.